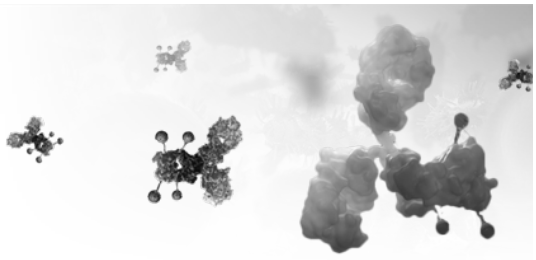

Anti-Hemoglobin monoclonal antibody, clone C843M (DMAB1537MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	MAb to Hemoglobin A1c Monoclonal Antibody to Human Hemoglobin A1c (HbAlc)
Specificity	Recognizes HbA1c. Does not crossreact with HbA0.
Immunogen	Human HbA1c, N-terminal of the beta chain – KLH conjugate
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	C843M
Purification	Protein G chromatography
Conjugate	Unconjugated
Applications	Suggested pair for testing (Capture - Detection): DMAB1536MH - DMAB1537MH
Concentration	4.8mg/ml
Size	1 mg
Buffer	PBS
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

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BACKGROUND

Introduction

Glycated hemoglobin(glycosylated hemoglobin, hemoglobin A1c, HbA1c, A1C, or Hb1c; sometimes alsoHbA1c) is a form of hemoglobin which is measured primarily to identify theaverage plasma glucose concentration over prolonged periods of time. It isformed in a non-enzymatic glycation pathway by hemoglobin"s exposure toplasma glucose. Normal levels of glucose produce a normal amount of glycatedhemoglobin. As the average amount of plasma glucose increases, the fractionof glycated hemoglobin increases in a predictable way. This serves as amarker for average blood glucose levels over the previous months prior to themeasurement.

GENE INFORMATION

Function

ATP binding; glucokinase activity; hexokinase activity; kinase activity; nucleotide binding; transferase activity

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